

SEQUENCE LISTING

(1) GENERAL INFORMATION:

- (i) APPLICANT: DeRose, Richard
Freyssinet, Georges
- (ii) TITLE OF INVENTION: Maize H3C4 Promoter Combined With The
First Intron Of Rice Actin, Chimeric Gene Comprising It
And Transformed Plant
- (iii) NUMBER OF SEQUENCES: 5
- (iv) CORRESPONDENCE ADDRESS:
 - (A) ADDRESSEE: Connolly, Bove, Lodge, & Hutz
 - (B) STREET: 1220 Market Street
 - (C) CITY: Wilmington
 - (D) STATE: DE
 - (E) COUNTRY: USA
 - (F) ZIP: 19899
- (v) COMPUTER READABLE FORM:
 - (A) MEDIUM TYPE: Floppy disk
 - (B) COMPUTER: IBM PC compatible
 - (C) OPERATING SYSTEM: PC-DOS/MS-DOS
 - (D) SOFTWARE: PatentIn Release #1.0, Version #1.25
- (vi) CURRENT APPLICATION DATA:
 - (A) APPLICATION NUMBER: US 09/037,531
 - (B) FILING DATE: 10-MAR-1998
 - (C) CLASSIFICATION:
- (viii) ATTORNEY/AGENT INFORMATION:
 - (A) NAME: McMorrow Jr., Robert G.
 - (B) REGISTRATION NUMBER: 30962
 - (C) REFERENCE/DOCKET NUMBER: 5500*24
- (ix) TELECOMMUNICATION INFORMATION:
 - (A) TELEPHONE: (302)658-9141

(2) INFORMATION FOR SEQ ID NO:1:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 1021 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULE TYPE: DNA (genomic)

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

CTTATGTGCA CCATTTACTG TAATGCATAA TCATTTAATT GAATAGCAAA CTTTTCTATT

ACTTCTTTAC TAACATAATT CTTGGTTTTA AAATTCAGTC CTCAACATTC ATTGCTCAAG	120
TATAAGTTGA GACTGTCAAA ATTTACTATT TTATTTCTTC ATATTTTTTT TCCTTATACA	180
CATTTTGGGC CTTACAATCC ATCATCTATA TCCATCCTTT CCGGTGTCCT CTAAAAGATT	240
CCATCCTCTG AATCTTATTC CTCTCCAATA ACGTTCTCTA AATCAGGTCT CTATAAGCAA	300
TACCTATATT AGAGACATTT TTTATTTTTT GTACATACAT ATTTGTCATA CTCTCAAATG	360
CATTATACAT ATTTAGTTTT ACTAAACCGA TTATTTAAAG TATTCAAACG GATGAAGAAC	420
TGTTTAGATA AATTCTATAT ATAGAGAATC CAGTAGCGTT CTCTAAATTT AGATGATTAT	480
TTAGAGGACG CTGTTAGAAA ACGTAAAAAA TTCTTTGATT ATTTATATTT AGGGTAGAGT	540
AGCCTTTATG CTTTATAGAT CTTTGGTGGA CCCAGCCTTA TACCGGTTAT TTTGCGGATT	600
GCGCCTCTCA TTTTCACTCC AGCGCCCCAC ATTTTCACGT TTTCACCGAA GCGCCCAGCC	660
TGCCTAACCA ACAAATTGGT ACGGTGGCGC GGTTTTCAAA AGAAGTCGGA AACCATCTGC	720
ACCCACCGAC TAGTAGGCCC TCGGATCCTC CCTGATTAAG TCCTAGCCAA TAGGAGCCCA	780
GAACCACCCA TCACGCGGAT CGTCCCTACG CTTCCACCTC ATCGGCGCCG TCCATCTCCA	840
TCCAACACCT ATTCCGTTAC CTTGCCCATC CTCCGAAAAA ATTCTCGGCT CGCGCTCCGC	900
ACCTACTACA AATACCCATC CCATCACGAC GCATCGCATC ACTGCCAAAT CCCCCAGAAA	960
ATCAACACCT CCCAATTCCA CGCTGCCACC AACTCGCCGT CCTCCGCGCC AAGCACCAAA	1020
G	1021

(2) INFORMATION FOR SEQ ID NO:2:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 454 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA (genomic)

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

GTAACCACCC CGCCCCTCTC CTCTTTCTTT CTCCGTTTTT TTTTTCGTCT CGGTCTCGAT	60
CTTTGGCCTT GGTAGTTTGG GTGGGCGAGA GCGGCTTCGT CGCCAGATC GGTGCGCGGG	120
AGGGGCGGGA TCTCGCGGCT GCGTCTCCG GCGGTGAGTC GGCCCGGATC CTCGCGGGGA	180
ATGGGGCTCT CGGATGTAGA TCTGATCCGC CGTTGTTGGG GGAGATGATG GGGCGTTTAA	240

AATTTTCGCCA TGCTAAACAA GATCAGGAAG AGGGGAAAAG GGCACATATGG TTTATATTTT	300
TATATATTTT TGCTGCTGCT CGTCAGGCTT AGATGTGCTA GATCTTTCTT TCTTCTTTTT	360
GTGGGTAGAA TTTGAATCCC TCAGCATTGT TCATCGGTAG TTTTCTTTT CATGATTTGT	420
GACAAATGCA GCCTCGTGCG GAGCTTTTTT GTAG	454

(2) INFORMATION FOR SEQ ID NO:3:

- (i) SEQUENCE CHARACTERISTICS:
- (A) LENGTH: 1565 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA (genomic)

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

GAATTCCTGC AGGTCGACGG ATCCCCCTTA TGTGCACCAT TTACTGTAAT GCATAATCAT	60
TTAATTGAAT AGCAAACCTT TCTATTACTT CTTTACTAAC ATAATTCTTG GTTTTAAAAT	120
TCAGTCCTCA ACATTCATTG CTCAAGTATA AGTTGAGACT GTCAAAATTT ACTATTTTAT	180
TTCTTCATAT TTTTTTCTT TATACACATT TTGGGCCTTA CAATCCATCA TCTATATCCA	240
TCCTTTCCGG TGTCTCTAA AAGATTCCAT CCTCTGAATC TTATTCCTCT CCAATAACGT	300
TCTCTAAATC AGGTCTCTAT AAGCAATACC TATATTAGAG ACATTTTTTA TTTTTGTAC	360
ATACATATTT GTCATACTCT CAAATGCATT ATACATATTT AGTTTTACTA AACCGATTAT	420
TTAAAGTATT CAAACGGATG AAGAACTGTT TAGATAAATT CTATATATAG AGAATCCAGT	480
AGCGTTCTCT AAATTTAGAT GATTATTTAG AGGACGCTGT TAGAAAACGT AAAAAATTCT	540
TTGATTATTT ATATTTAGGG TAGAGTAGCC TTTATGCTTT ATAGATCTTT GGTGGACCCA	600
GCCTTATACC GGTTATTTTC GCGATTGCGC CTCTCATTTT CACTCCAGCG CCCCACATTT	660
TCACGTTTTT ACCGAAGCGC CCAGCCTGCC TAACCAACAA ATTGGTACGG TGGCGCGGTT	720
TTCAAAAGAA GTCGGAAACC ATCTGCACCC ACCGACTAGT AGGCCCTCGG ATCCTCCCTG	780
ATTAAGTCCT AGCCAATAGG AGCCAGAAC CACCCATCAC GCGGATCGTC CCTACGCTTC	840
CACCTCATCG GCGCCGTCCA TCTCCATCCA ACACCTATTC CGTTACCTTG CCCATCCTCC	900
GAAAAAATTC TCGGCTCGCG CTCCGCACCT ACTACAAATA CCCATCCCAT CACGACGCAT	960
CGCATCACTG CCAAATCCCC CAGAAAATCA ACACCTCCCA ATTCCACGCT GCCACCAACT	1020
CGCCGTCTCT CGCGCCAAGC ACCAAAGGAA TTGGCCGCCA CCGCGGTGGA GTCCTCCCC	1080

CCTCCCCCTC CGCCGCCGCC GGTAACCACC CCGCCCCTCT CCTCTTTCTT TCTCCGTTTT	1140
TTTTTTCGTC TCGGTCTCGA TCTTTGGCCT TGGTAGTTTG GGTGGGCGAG AGCGGCTTCG	1200
TCGCCCAGAT CCGTGCGCGG GAGGGGCGGG ATCTCGCGGC TGGCGTCTCC GGGCGTGAGT	1260
CGGCCCCGAT CCTCGCGGGG AATGGGGCTC TCGGATGTAG ATCTGATCCG CCGTTGTTGG	1320
GGGAGATGAT GGGGCGTTTA AAATTTTCGCC ATGCTAAACA AGATCAGGAA GAGGGGAAAA	1380
GGGCACTATG GTTTATATTT TTATATATTT CTGCTGCTGC TCGTCAGGCT TAGATGTGCT	1440
AGATCTTTCT TTCTTCTTTT TGTGGGTAGA ATTTGAATCC CTCAGCATTG TTCATCGGTA	1500
GTTTTTCTTT TCATGATTTG TGACAAATGC AGCCTCGTGC GGAGCTTTTT TGTAGGTAGA	1560
CCATG	1565

(2) INFORMATION FOR SEQ ID NO:4:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 85 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA (genomic)

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:

AGGGCCCCCT AGGGTTTAAA CGGCCAGTCA GGCCGAATTC GAGCTCGGTA CCCGGGGATC	60
CTCTAGAGTC GACCTGCAGG CATGC	85

(2) INFORMATION FOR SEQ ID NO:5:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 66 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA (genomic)

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:

CCCTGAACCA GGCTCGAGGG CGCGCCTTAA TTAAAAGCTT GCATGCCTGC AGGTGCACTC	60
TAGAGG	66